



City of SeaTac

Commercial/Multifamily Electrical Permit Requirements

All permit submittals must include:

- Complete application.
- Copy of contractor's state license.
- Verification of contractor's City business license.
- Energy Code lighting budget calculations if adding lighting load or replacing more than 60% of the light fixtures.
- Most projects adding less than 50 amps, except as identified below, are not required to have a plan review. However a layout plan showing all equipment, devices and fixtures must be submitted to identify the exact scope of the work. This can be a simple drawing and does not need to be a schematic.

For larger/special projects, identified below, a plan review is required. Please see the separate submittal requirements for each type of work below. Number of plan/layout copies needed for submittal:

- Service installation/alteration - 2 copies.
- Adding more than 50 amps - 2 copies.
- Parking lot & outdoor lighting - 4 copies.
- Wireless communication facilities - 4 copies.
- Vehicle Access control - 4 copies.
- Fire alarm systems - 3 copies.

Type of work that must be reviewed and their submittal requirements

Projects that add more than 50 amps

or

Projects that add or alter the electrical service

or

As required by WAC 296-46B-010 (schools, hospitals, nursing homes, boarding homes etc.)

- Plans to scale that show equipment, device and lighting layout.
- One line diagram including grounding.
- Feeder load calculations - include 30 day meter reading when applicable.
- Maximum fault current calculation if service equipment is being installed.
- Panel schedules including the following:
 - Panel size.
 - Feeder size and overcurrent protection.
 - Branch circuit overcurrent protection.
 - Actual circuit load.
 - Conductor size.
 - Circuit voltage.

Wireless communication facilities

- Site plan. (including proposed landscaping)
- Provide layout plan to scale showing all devices and equipment.
- Elevation of tower.
- Antenna mounting details unless reviewed under building permit.

Projects that involve parking lot and outdoor lighting

- Site plan to scale showing all devices and equipment.
- Manufacturer's cut sheet for all luminaires and poles.
- Structural details of pole bases.
- Photometric plan (see lighting handout for further details).
- If adding more than 50 amps see checklist above.

Vehicle Access control

- Provide site plan to scale showing all devices and equipment.

Signs - see separate checklist.

Fire alarm installations

- Provide wiring schematic to scale that includes:
 - Panel location and type.
 - Device locations.
- Panel battery calculations.
- Device cut sheets.

May 28, 2003